25X1A

IDEALIST [   ] OXCART

[   ] 75685/67   25X1A
Copy __1__ of __11__

5 December 1967

MEMORANDUM FOR: Chief, Contracts Management Division, OSA

SUBJECT: Request for Work Order Under [   ]
                  Contract SA-5304   25X1A

25X1A   1.   It is requested that a work order be implemented under
        Contract SA-5304 with [   ]
        to cover the scope of work on System 13C described in paragraph 2.   The
        estimated cost of the work order is $20,000.

        2.   The scope of work will include studies and simulation support
on:

                a.   Increase of modulator ON time
        from the present 0.5 usec to 0.8 usec.   A
        quick look will be made re system performance
        on the General Dynamics simulator and a
        design study for redesign of the modulator to
        assure minimum (0.25 usec) interpulse
        recovery time will be accomplished.   Hardware
        retrofit will be accomplished under a separate
        task.

                b.   Increase the capability of SSL
        to recognize interpulse delay and to assure
        minimum false alarm.   This will be a design
        study.   Hardware retrofit will be accomplished
        under a separate task.

                c.   Provide a noise [   ] mode
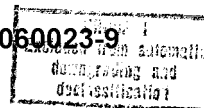   synched to the L-band guidance signal activity.   25X1A

25X1A

HANDLE VIA [   ]   IDEALIST [   ] OXCART   25X1A
CONTROL SYSTEM ONLY

SECRET

25X1A

IDEALIST ☐ OXCART

☐ 75685/67   25X1A

Page 2

d. Provide technical support and breadboard circuitry to make preliminary evaluations of a, b, and c above on the General Dynamics simulator the week of 4 December 1967.

3. Funds are available in the NRO approved FY-1968 ☐ 25X1A budget as follows:

Category	Line Item	NRO Approved	Previous Obligation	Current Obligation
II	System 13C	$100,000	$92,000	$ 8,000
II	System 9DR	$200,000	$40,000	$12,000

Expenditure of these funds was not forecasted in the Second Quarterly Forecast. The expenditure is to develop a capability to counter a change in the operational environment, and it is in the best interest of the Government to do it now. ☐ extension 7671, is the ASD/OEL technical officer for the project.

25X1A

☐

25X1A

Chief, Air Systems Division
OEL

25X1A

25X1A

☐ DEC 1967
_____
Date

☐ DEC 1967
_____
Date

13 Dec 67
_____
Date

HANDLE VIA ☐   IDEALIST ☐ OXCART   25X1A
CONTROL SYSTEM ONLY

SECRET

25X1A